

ABSTRACT

Stopping and starting the movement of media in a scanner before completion of scanning can generate artifacts in the display of the scanned image. These artifacts arise from measurements made during the deceleration of the media before stopping and the acceleration of the media after starting.

- 5 By scanning the regions that pass the optical sensor during deceleration and acceleration of the media while the media is moving relative to the optical sensor at a substantially constant speed, the degree to which artifacts are produced is reduced. The scanning of the sections of the media corresponding to the deceleration and acceleration distances of the media can be done by
- 10 moving the optical sensor while the media is stationary, or, by moving the media while the optical sensor is stationary.